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CASE IA/3-22334/PCT

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CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Anna R. Maddalena
Type or print name

Anna R. Maddalena
Signature

4/26/05
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF
JONATHAN HUGHES ET AL
INTERNATIONAL APPLICATION NO. PCT/EP 03/08427
FILED: JULY 30, 2003
FOR: PRODUCTION OF A FERMENTATION
PRODUCT
U.S. APPLICATION NO: 10/523,301
35 USC 371 DATE: JANUARY 31, 2005

Group Art Unit:

Examiner:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 CFR 1.56, Applicants wish to call the Examiner's attention to the references cited on the attached forms PTO-1449. Copies of the International Search Report and the references cited therein were supplied when this application entered the U.S. national phase.

Enclosed herewith is a copy of the British Search Report. Except for the U.S. Patents and WO 02/16495 which was cited in the International Search Report, copies of these references are enclosed herewith.

Also enclosed are two NREL articles, a Wilkie et al article, WO 86/03514 and EP 0202780.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 forms.

Respectfully submitted,



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Encl. References
PTO-1449 Forms
GB Search Report

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)			Docket Number (Optional) IA/3-22334/PCT		Application Number 10/523,301	
			Applicant			
			JONATHAN HUGHES ET AL			
			Filing Date		Group Art Unit	
			JANUARY 31, 2005			

U. S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,031,037	2/00	Ghafoor et al	524	388	
	5,552,316	9/96	Savage	435	261	
	5,846,433	12/98	Sorensen et al	210	709	
	4,728,613	3/88	Brewer et al	435	222	
	5,698,109	12/97	Payne et al	210	727	
	5,178,774	1/93	Payne et al	210	727	
	5,112,500	5/92	Jones	210	728	
	5,552,316	9/96	Savage	435	261	
	4,384,897	5/83	Brink	127	37	
	4,650,689	3/87	Hedrick	426	600	
	5,975,439	11/99	Chieffalo et al	241	17	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	02/16495	2/02	PCT/World				
	01/12778	2/01	PCT/World				
	93/02967	2/93	PCT/World				
	0262945	4/88	Europe				
	0513352	11/92	Europe				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)	
	Patent Abstracts of Japan Publication No. 09059891 (July 31, 1997)
	Patent Abstracts of Japan Publication No. 53023145 (April 28, 1978)
	Derwent Abstr. 1984-026659 [05] for JP 58216777 (1983)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.
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FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number (Optional)	Application Number
	IA/3-22334/PCT	10/523,301
	Applicant	
	JONATHAN HUGHES ET AL	
	Filing Date	Group Art Unit
	JANUARY 31, 2005	

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	86/03514	6/86	PCT/World				
	0202780	11/86	Europe				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	Derwent Abstr. 1980-70613C [25]for JP 55109487 (1980)
	NREL/TP-580-26157, July 1999, "Linocellulosic Biomass to Ethanol Process Design and Economics Utilizing Co-Current Dilute Acid Prehydrolysis and Enzymatic Hydrolysis Current and Futuristic Scenarios"
	Wilkie et al., Biomass and Bioenergy, Vol. 19, (2000), pp. 63-102

EXAMINER	DATE CONSIDERED
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FORM PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

Docket Number (Optional)

IA/3-22334/PCT

Application Number

10/523,301

Applicant

JONATHAN HUGHES ET AL

Filing Date

JANUARY 31, 2005

Group Art Unit

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	NREL-99-10600/14, (March 2001), "Liquid/Solid Separation"

EXAMINER

DATE CONSIDERED

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